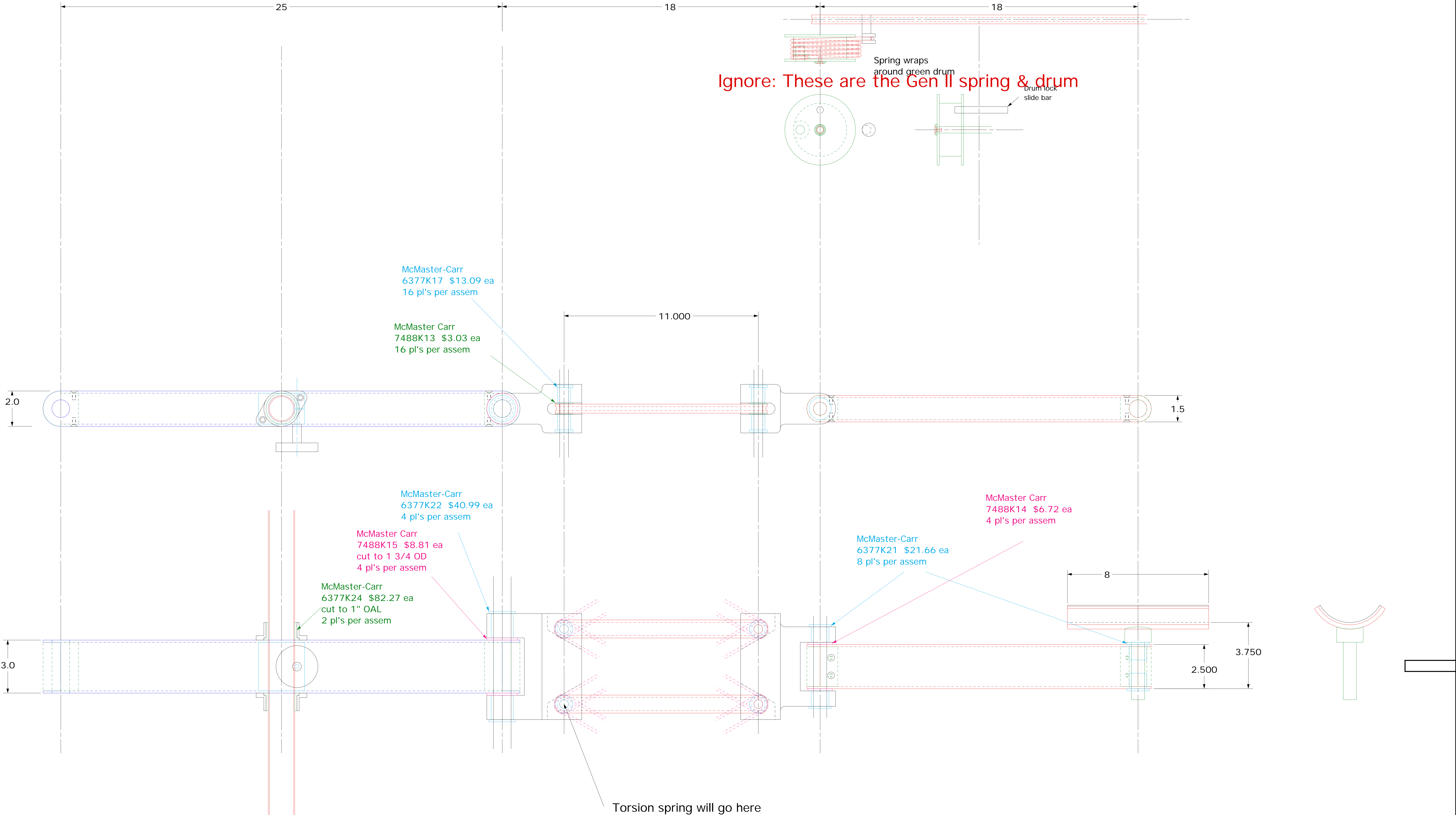


REQ	ITEM	PART NUMBER	DESCRIPTION
	1		
	2		



Torsion spring nom. torque req't:
Downforce is 8 lb ± 50% for arm.
Add .65 lb for half of the two .5 x 1 4-bar links.
Add 5 lb for 4-bar to link yoke.
Add 1.3 lb for 1.5 x 2.5 rect section link.
Add .6 lb for 1.5 x 2.5 rect section terminations.
Add .4 lb for armrest socket
Add .3 lb for armrest assembly.
16.25 lb * 11" = 180 in-lb nom. req'd from torsion spring
Wow! That's a honker!

					UNLESS OTHERWISE SPECIFIED			SHOP ORDERS			LAWRENCE BERKELEY LABORATORY			
					TOL'S			ACCT NO.			UNIVERSITY OF CALIFORNIA - BERKELEY			
					.XX ±			SER. NO.			DesignWorks			
					.XXX ±			DATE ISS'D			Ergo Chair - Gen III			
					.XXX ±			DATE RE'D			Arm Assembly			
					FINISH			NO. REQ'D			DO NOT SCALE PRINTS			
								DELIVER TO			SCALE Half			
								SURFACE TREATMENT			PATENT CLEAR			
								IDENT. METHOD			DWG. TYPE			
								OWN BY JOHN BERCOVITZ			SHOWN ON			
								DATE 03/06/30			DESIGN ACCT NO.			
								CHK BY			CATEG. CODE			
											DWG. NO.			
											SIZE			
											REV			
REV	DWN	CHK	ZONE	DATE				CHANGES						